

Joining the Production Forest Instructions

This document is written with the following three variable names which must be resolved to real names before these instructions can be followed. Their real names are based upon a collaborative agreement between DIS and the agency which is going to Join this Forest. These three variable names and their meanings are as follows:

Meaning
Admin Userid provided by DIS which has sufficient permissions for joining this forest
Windows 2000 Domain Name. This is the subdomain name immediately to the left of WA.LCL. Examples of this would be ECY or ECYLAN (as in ECYLAN.WA.LCL)
Computer Name of the Domain Controller which is joining this Forest (<MACHNAME> is not referenced in this document. This value must have already been provided to DIS so that your machine can join this forest)

Step: 1

Goal: Configure DNS suffix and point to the root domain server as the preferred DNS Server.

Tasks	Detailed Steps
Configure the DNS suffix for your computer. When prompted, restart the computer. Domain Suffix: <DOMAIN-NAME>.wa.lcl .	<ol style="list-style-type: none"> 1. Log on as Administrator. 2. Open the Properties dialog box for My Computer. 3. In the System Properties dialog box, on the Network Identification tab, click Properties. 4. In the Identification Changes dialog box, click More. 5. In the Primary DNS suffix of this computer box, type <DOMAIN-NAME>.wa.lcl (e.g. ecylan.wa.lcl., and then click OK. 6. Click OK to close the Identification Changes dialog box, and then click OK to close the Network Identification message box. 7. Click OK to close the System Properties dialog box, and then click Yes in the System Settings Change message box to restart your computer.
Configure the Internet Protocol (TCP/IP) properties of your Local Area Connection to use your computer for DNS..	<ol style="list-style-type: none"> 1. Log on as Administrator. 2. Right-click My Network Places, and then click Properties. 3. Right-click Local Area Connection, and then click Properties. 4. Click Internet Protocol (TCP/IP), and then click Properties. 5. In the Preferred DNS Server text box, type 198.238.137.226, and then click OK. 6. Click OK to close the Local Area Connections Properties box, and then close the Network and Dial-up Connections window.

Step: 2

Goal: Create a Windows 2000 domain by installing Active Directory.

Tasks	Detailed Steps
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<p>Start the Active Directory Installation wizard to create:</p> <p>A new domain controller for a new domain.</p> <p>A new domain tree.</p> <p>A new forest of domain trees.</p>	<ol style="list-style-type: none"> 1. Click Start, and then click Run. 2. In the Run box, type dcpromo and then click OK. 3. On the Welcome to the Active Directory Installation Wizard page, click Next. 4. On the Domain Controller Type page, ensure Domain controller for a new domain is selected, and then click Next. 5. On the Create Tree or child Domain page, select Create a new child domain in an existing domain tree, and then click Next. 6. On the Network Credentials page, enter the username of <JOIN-ID> (e.g. ECYPromo) and password and the domain of wa.lcl and then click Next.
<p>Complete the Active Directory installation process, providing the following information:</p> <p>Full DNS name of <i>wa.lcl</i> ..</p> <p>Default locations for the database, log files, and shared system volume.</p>	<ol style="list-style-type: none"> 1. On the Child Domain Installation page, click Browse and select wa.lcl to put wa.lcl in the Parent Domain box and <DOMAIN-NAME> in the Child Domain box and then click Next. 2. On the Netbios Domain Name page, ensure <DOMAIN-NAME> is in the Domain Netbios name box and then click Next. 3. On the Database and Log Locations page, accept the default locations by clicking Next. 4. On the Shared System Volume page, accept the default location by clicking Next. 5. On the Permissions page, select Permissions compatible with pre-Windows 2000 servers, and then click Next. 6. On the Directory Services Restore Mode Administrator Password page, in the Password and Confirm password boxes, type in the password and then click Next.
<p>Begin the Active Directory Installation/Replication process ..</p>	<p>On the Summary page, review the options you selected, and then click Next.</p> <ol style="list-style-type: none"> 1. <i>The Active Directory Installation/Replication process begins.</i> 2. When the Completing the Active Directory Installation Wizard page appears, click Finish, and then restart your computer.

Step: 3

Goal: Install DNS.

Tasks	Detailed Steps
<p>Install the Domain Name System (DNS) subcomponent of Networking Services.</p> <p>Copy the required files from the Windows 2000 Advanced Server</p>	<ol style="list-style-type: none"> 1. Logon as Administrator for your Domain 2. Click Start, point to Programs, point to Administrative Tools, and then click Configure Your Server. 3. Click Networking to expand and then click DNS.

compact disc.	<ol style="list-style-type: none"> Click Set up DNS on the right pane. Insert the compact disc labeled Windows 2000 Advanced Server, and then click OK. After the required files have been copied, click Next. Close all windows.
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Step: 4

Goal: Enable GC on your domain's first Domain Controller.

Tasks	Detailed Steps
Enable GC.	<ol style="list-style-type: none"> Click Start, point to Programs, point to Administrative Tools, and then click Active Directory Sites and Services. In the console tree, expand <DOMAIN-NAME>, expand servers and then expand <MACHNAME>. Right-click NTDS settings and then click properties. Select the Global Catalog check box , and then click OK. Close Active Directory Sites and Services. Reboot Computer